



## Minimum Plan Submittal Requirements

2006 International Residential Code

2006 International Plumbing Code

2006 International Fire Code

### FIRST SUBMITTAL REQUIREMENTS

- ☐ A **completed** Plan Review Application that includes completion of the Truss Waiver portion of the application
- ☐ Soils Report Review
- ☐ One (1) complete set of detailed plans which must be 24" x 36" minimum and maximum of 30" x 42" and drawn to scale 1/4" = 1' or 3/16" = 1'
- ☐ One (1) set of Calculations sealed by a State of Arizona Registrant
- ☐ One (1) set of manufacturer's specifications that may pertain
- ☐ Submit check for payment of plan review fee **(\$200.00 per plan)**

### ITEMS INCLUDED IN THE PLAN REVIEW PROCESS ARE:

1. Planning/Zoning Design Review Compliance
2. Soils Report Review Verification (unless supplied)
3. Water meter and building water supply-line sizing
4. Sound Attenuation Standards
5. Generic design for wind exposure "B". Site-specific design may require type "C".
6. Fire Sprinkler Requirements (if applicable)
7. 8-1/2 x 11 Reduced Floor Plan options included
8. Landscape cover letter and cutsheets for the backflow preventer, timer and oneline diagram of timer connection to meter

### SECOND SUBMITTAL REQUIREMENTS

- ☐ Original Plan Review Comments with corrected sheet numbers noted.
- ☐ Complete set of previously reviewed plans, calculations and specifications
- ☐ Two (2) NEW complete set of plans with calculations and manufacturer's specifications

SURPRISE COMMUNITY DEVELOPMENT

16000 N. Civic Center Plaza, Surprise, Arizona 85374 623.222.3000 Fax 623.222.3002 TTY 623.222.1002



## STANDARD PLAN APPLICATION/TRUSS WAIVER

|                             |        |                          |             |                        |  |
|-----------------------------|--------|--------------------------|-------------|------------------------|--|
| <b>BUILDER:</b>             |        | <b>HPR #:</b>            |             | <b>PLAN #:</b>         |  |
| <b>DEVELOPMENT:</b>         |        | <b>SUBDIVISION:</b>      |             | <b>MARKETING NAME:</b> |  |
| <b>ELEV'S:</b>              |        | <b>SQ.FT.: (maximum)</b> |             | <b>REVISION:</b>       |  |
| <b>Applicant Name:</b>      |        |                          |             | <b>Phone Number:</b>   |  |
| Contact Person:             |        |                          |             | Contact Phone Number:  |  |
| Address:                    |        |                          |             | E-mail Address:        |  |
| City:                       | State: | Zip Code:                | Fax Number: |                        |  |
| <b>Architect/Designer:</b>  |        |                          |             | <b>Phone Number:</b>   |  |
| Contact Person:             |        |                          |             | Contact Phone Number:  |  |
| Address:                    |        |                          |             | E-mail Address:        |  |
| City:                       | State: | Zip Code:                | Fax Number: |                        |  |
| <b>Structural Engineer:</b> |        |                          |             | <b>Phone Number:</b>   |  |
| Contact Person:             |        |                          |             | Contact Phone Number:  |  |
| Address:                    |        |                          |             | E-mail Address:        |  |
| City:                       | State: | Zip Code:                | Fax Number: |                        |  |

### PRE-FABRICATED TRUSS DESIGN REVIEW WAIVER

This certificate must be used in lieu of city review of prefabricated truss designs for a building, if designed by a registered structural engineer, licensed in the State of Arizona.

As the AZ registered Structural Engineer in charge of the structural design of this building, I will review the approved fabricator's truss designs and ALL related connections (including all revisions to the truss design) provided to me for compatibility with the above referenced project. I shall affix my shop drawing stamp or other means of identification, hand signed and dated to either the truss manufacturer's layout sheet, or to a letter of approval with an index of truss calculation sheets in said letter.

\_\_\_\_\_  
**Name of Structural Engineer (please print)**

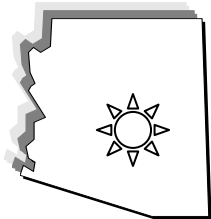
\_\_\_\_\_  
**( Seal Required)**

As the Owner/Applicant/Authorized Agent, I agree that all truss design information will be provided to the AZ registered Structural Engineer, in charge of the structural design of the building, for their review and approval, including all revisions. All documents shall be provided to the structural engineer in ample time for a proper review and approval and to permit the approved truss design packet to be available to the City inspector, **prior to trusses being set in place.**

\_\_\_\_\_  
**Name & Title (please print)**

\_\_\_\_\_  
**Signature & Date**

Truss design calculation sheets shall be legible, sealed, hand signed and dated by the AZ Truss design engineer. The truss fabricator shall have a current third party quarterly inspection report performed by an approved inspection agency. A complete set of the truss design calculation sheets, truss placement sheets and proof of building design engineer's review & approval shall be included with the city-stamped "Job Site Approved" set of plans **prior to the trusses being set in place.**



# Regional Plan Review

## 2006 International Residential Code

### SIGNIFICANT CODE CHANGES / AZBO AMENDMENTS

- ☐ **IRC R302/Table R302.1 Exterior Walls** – minimum 5 feet fire separation distance measured from exterior walls at right angle to property line and minimum 2 feet fire separation distance measured from projections at right angle to property line. Less than minimum fire separation distance will require one-hour fire-resistance rated construction.
- ☐ **IRC R702.4.2 Ceramic tile** – cement, fiber-cement or glass mat gypsum backers shall be used as backers for wall tile in tub and shower areas and wall panels in shower areas.
- ☐ **IRC R806.4 Conditioned attic assemblies** – unvented conditioned attic assemblies (spaces between the ceiling joists of the top story and the roof rafters) are permitted under the following conditions:
  1. No interior vapor retarders are installed on the ceiling side (attic floor) of the unvented attic assembly.
  2. Insulation is applied in direct contact to the underside/interior of the structural roof deck
- ☐ **IRC N1103.2 Ducts** – supply and return ducts shall be insulated minimum R-8 and ducts in floor trusses shall be insulated minimum R-6.
- ☐ **IRC Table R301.4 (AZBO amendment IRC-1-06)** – Live loads increased to 40 for attics with storage and sleeping rooms.
- ☐ **IRC M1307.6/G2406.4 Liquefied Petroleum Appliances (AZBO amendment IRC R-3-06 & R-4-06)** – LPG appliances shall not be installed in an attic, pit or other location that would cause a ponding or retention of gas.
- ☐ **IRC G2415.9/G2415.9.1 Minimum burial depth (AZBO amendment IRC R-5-06)** – underground piping systems shall be installed a minimum depth of 12 inches below grade for metal piping and 18 inches for plastic piping.
- ☐ **IRC R903.2.2 Crickets and saddles (AZBO amendment IRC-6-06)** – A cricket or saddle shall be installed on the ridge side of any chimney greater than 30 inches wide. Cricket or saddle coverings shall be of sheet metal or of the same material as the roof covering.
- ☐ **IRC R905.2.8.6 Drip edge (AZBO amendment IRC-7-06)** – Provide drip edge at eaves and gables of shingle roofs. Overlap to be a minimum of 2 inches. Eave drip shall extend below the sheathing and extend back on the roof a minimum of 2 inches. Drip edge shall be mechanically fastened a maximum of 12 inches.